Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

No. *First & Final Bill* (For Other Works) Date……2020

Division: **BBMP, Byataranyanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated……

Sub Divisional **Work Code: 010-20-000069**

Schedule Docket No. Head of Account: **P- 3294** **Est.Cost: Rs. 10.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Repairs and Maintenance to Public Toilet in Ward No. 10 (Doddabommasandra).**

Name of Contractor and Full Address: ***Sri. Maruthi Enterprises (Prop: Chethan. A), # 72/1, Nagashettyhalli, Sanjayanagara, Bangalore – 560 094.***

Reference to Agreement No. **BBMP/EE/BTP/E-PMT/02(42435)/WO/106/2020-21** **Dated: 11-09-2020**

Certified that the measurements were taken by me on 24/11/2020 and recorded of **Pages** **to** of measurement Book No. and that the work is satisfactorily executed.

Chethan A
Contractor

Surekha. N.K
Officer-in-charge of work

Certified that the measurement were taken by me on 24/11/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

II Memorandum of Payment

1) Total value of work done or supplies made as per account within			
2) Deduct amount to be held in reserve being ……percent Rs……			
3) ” Balance			
4) Deduct Payment:			
a. Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No……..… Amount adjusted towards cash advance recovery of			
b. Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.			
5) Balance being unpaid value of work done held in reserve.			
6) Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.			
7) Net amount due to or from Contractor unadjustments items.			
8) Advance to Contractor for materials brought to site (as detailed) within.			
9) Value of Government materials supplied.			
Total amount adjusted -			

Chethan A
Contractor's Signature

Received Rs…….. (in words)……
……
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Chethan A

Stamp

Dated Signature of Contractor

Paid by me by Cheque No……Dated……
Cash Rs……..
Dated……

Initials of Officer making payment

Executive Engineer

Sl. No.		Un
1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
3	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum
4	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5m. Inluding cost of all labour complete as per speicifications.	Cum
5	Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications	Sqm
6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons.	Sqm
7	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications	Cum
8	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum
9	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	Sqm
10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.	Sqm
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification.	Sqm
12	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3. TMT Bars Fe 500	Tonne
13	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 5.27.1 - do - with solid concrete blocks	Sqm
14	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	63.95	301.00	19249.00	63.95	19249.00	
-	-	6.88	5135.50	35332.00	6.88	35332.00	
-	-	10.16	4626.10	47001.00	10.16	47001.00	
-	-	12.79	202.30	2587.00	12.79	2587.00	
-	-	19.25	106.70	2054.00	19.25	2054.00	
-	-	15.60	259.70	4051.00	15.60	4051.00	
-	-	16.87	5850.10	98691.00	16.87	98691.00	
-	-	6.06	6084.70	36873.00	6.06	36873.00	
-	-	19.68	459.00	9033.00	19.68	9033.00	
-	-	22.71	293.90	6674.00	22.71	6674.00	
-	-	24.50	523.40	12823.00	24.50	12823.00	
-	-	3.10	71431.50	221438.00	3.10	221438.00	
-	-	44.55	959.30	42737.00	44.55	42737.00	
-	-	33.21	816.30	27109.00	33.21	27109.00	

Sl. No.		Un
15	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 (with lime rendering) to ceiling inclunding & rounded off corners wherever required smooth rendering Providing & removing scaffolding, including cost of materials, labour curing complete as per specification	Sqm
16	Providing 15mm thick cement plaster in single coat with cement mortor 1:3 (with lime rendering) to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
17	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
18	Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. for Ceramic Tiles of size 30x30cms.	Sqm
19	Providing and fixing of clay tiles for cladding tiles of size 230x75x10 mm thick on 12mm thick cement mortar 1:3 & jointed with Adhesive/ cement slurry over rough plaster surface excluding cost of rough plasterd surface and the surface is painted with red apex paint and black apex paint into the groves.	Sqm
20	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with anti fungal paint for top coat of of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specification.	Sqm
21	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty, scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scafolding etc., complete as per specifications	Sqm
22	Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications	Sqm
23	Providing and fixing White vitreous china clay, Water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10lire low level P.V.C flushing cistern (All are approved make) with fitting, C.I/M.S.brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	No
24	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests,100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	No
25	Providing and fixing White vitreous china clay flat back wash basin size 630x450 with a pair of 15mm C.P Brass pillar taps with C.I / M.S brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per	Unit
26	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	Each
27	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate inclusive of cost of materials and fixtures and conveyance of materials to work spot).	Each
28	Providing and fixing in position brass Bib Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each
29	Providing and fixing in position brass Stop Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each
30	Constructing Brick masonry inspection chamber 450x450mm and 450mm depth, (Clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5 CI cover with frame (light duty) 450x450mm	No's
31	Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (Consider 21 Kg/ Sqm)	Kg
32	Providing and fixing manhole cover of size 600x600mm of 100kg weight including with all lead & lift, loading & unloading, cost of materials and other incidental charges etc., complete as per specification and as per the directions by the Engineer in charge of the work.	Each

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	19.25	205.30	3952.00	19.25	3952.00	
-	-	62.24	209.40	13033.00	62.24	13033.00	
-	-	38.13	246.60	9403.00	38.13	9403.00	
-	-	20.97	1217.90	25539.00	20.97	25539.00	
-	-	29.40	1509.80	44388.00	29.40	44388.00	
-	-	38.13	181.20	6909.00	38.13	6909.00	
-	-	40.25	78.50	3160.00	40.25	3160.00	
-	-	40.25	90.60	3647.00	40.25	3647.00	
-	-	2.00	4988.50	9977.00	2.00	9977.00	
-	-	4.00	3529.00	14116.00	4.00	14116.00	
-	-	2.00	4033.30	8067.00	2.00	8067.00	
-	-	10.00	151.00	1510.00	10.00	1510.00	
-	-	8.00	251.60	2013.00	8.00	2013.00	
-	-	10.00	191.20	1912.00	10.00	1912.00	
-	-	5.00	141.90	710.00	5.00	710.00	
-	-	2.00	8545.70	17091.00	2.00	17091.00	
-	-	49.56	95.60	4738.00	49.56	4738.00	
-	-	2.00	4948.50	9897.00	2.00	9897.00	

Sl. No.		U
33	Providing and fixing chorinated poly venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) 20mm nominal OD pipes	Mtr
34	Providing and fixing chorinated poly venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) 25mm nominal OD pipes	Mtr
35	Providing and fixing to wall, ceiling and floor unplasticised 110mm PVC 6.00 kgf/sq.cm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floorfor sanitary pipelines including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	Mtr
36	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.	Cum
37	Providing and fixing in position fully panelled Honne wood shutter for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour. HOM of machinary complete as per specifications. (excluding cost of fixtures)	Sqm
38	Providing and fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S tube of 19gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC C channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., complete as per manufacturers specification & direction of Engineer - in - charge fixed to frames with 3 nos of 75mm Aluminium hinges.	Sqm
39	Providing and fixing fixtures for PVC door shutters including with all accessories etc., complete as per specification and as per the directions by the Engineer in charge of the work.	Each
40	Al drop	Each
41	Alluminium Handles	Each
42	Providing and applying painting two coats (including priming coat) on new wood surface and /or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreing matter, sand papering including cost of materials, labour, complete as per specifications.	Sqm
43	Conveying the excavated earth (leadcharges) to a with lead of 10 kms with all lead and lift. Including loading and unloading charges etc., complete as per direction of Engineer in charge (Data rate Approved)	Cum
	Sub Total	
	GST @ 12%	
	Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	25.00	236.50	5913.00	25.00	5913.00	
-	-	38.00	294.90	11206.00	38.00	11206.00	
-	-	45.00	436.80	19656.00	45.00	19656.00	
-	-	0.06	88178.70	5291.00	0.06	5291.00	
-	-	1.89	4753.00	8983.00	1.89	8983.00	
-	-	9.45	2795.20	26415.00	9.45	26415.00	
-	-	7.00	76.80	538.00	7.00	538.00	
-	-	7.00	100.70	705.00	7.00	705.00	
-	-	12.00	17.10	205.00	12.00	205.00	
-	-	3.11	50.30	156.00	3.11	156.00	
-	-	63.95	82.90	5301.00	63.95	5301.00	
				830083.00		**830083.00**	
				99610.00		**99610.00**	
				929693.00		**929693.00**	

Suvetha - N K
AE WIO

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97